

BIOSENSOR

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Applicant: KDK CORP

Classification:

- **International:** G01N27/327

- **European:**

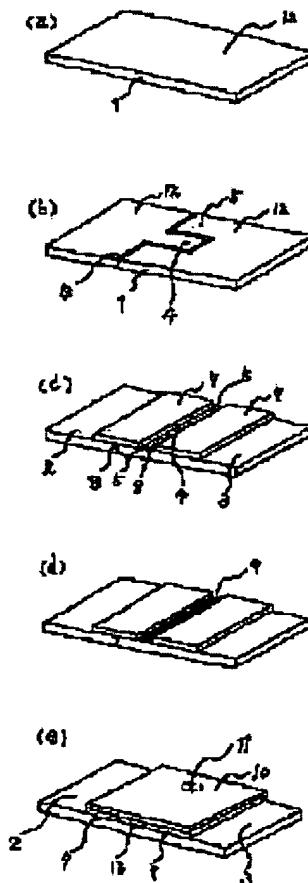
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Priority number(s):

Abstract of JP2000121594

PROBLEM TO BE SOLVED: To enhance the accuracy especially of an electrode area and to improve scattering in measuring performance, in a biosensor which uses a liquid sample in a trace amount and by which a specific component in the sample can be measured quickly, with high accuracy and simply.

SOLUTION: A conductive carbon paste is applied to or spray-painted, and a metal is sputtered or vapor-deposited or a carbon cloth or a metal foil is bonded on an insulating substrate. Thereby, an electrode film 12 is formed on the insulating substrate 1. A groove 13 is formed on it with a knife or the like, and the film is divided. A spacer plate 7 is arranged so that a measuring electrode 4 and a counter electrode 5 to which a liquid sample is applied as well as a terminal part 2 and a terminal part 3 which are used to apply a voltage across both electrodes are formed on the divided electrode film 12. A reagent layer 9 is carried on the measuring electrode 4 and the counter electrode 5. Thereby, an ink blur, a liquid drip or the like as the fault of a 1/2 printing system is eliminated, the accuracy of an electrode is enhanced, and scattering in measuring performance is improved.



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